

METAL / NONMETAL Close Call Alert

Gold - Surface – A ground failure occurred at this surface operation. The mining company noticed the movement and ceased work in the area. If they had not done so, the slide could have resulted in multiple fatalities.



BEST PRACTICES

- Diligent monitoring and examination of slopes for warning signs is imperative for protecting miners.
- Maintain safe operational practices for the protection of personnel, equipment, and facilities.
- Provide warning of instability so action can be taken to minimize the impact of slope displacement.
- Provide crucial geotechnical information to analyze the slope failure mechanism and design the appropriate corrective measures.
- Perform pre-mining exploratory drilling to identify and analyze geologic features that could contribute to pit instability.
- Once cracks are detected, monitor for rate of movement and potential prediction of failure.

